

Serial Number: 087379046

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TECH CENTER 1000/200

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically:
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

DATE: 12/12/2000

PATENT APPLICATION: US/08/737,904G

TIME: 12:20:09

Input Set : A:\Pto.amc

Output Set: N:\CRF3\12122000\H737904G.raw

3	<110>	APPLICANT: Griffith, Irwin J et al.	
5	<120>	TITLE OF INVENTION: T CELL EPITOPES OF RYEGRASS POLLEN ALLERGEN	
7	<130>	FILE REFERENCE: IMI-040CP3	
9	<140>	CURRENT APPLICATION NUMBER: 08/737,904G	
10	<141>	CURRENT FILING DATE: 1996-11-20	
12	<150>	PRIOR APPLICATION NUMBER: 08/106,016	
13	<151>	PRIOR FILING DATE: 1993-08-13	
15	<160>	NUMBER OF SEQ ID NOS: 61	
17	<170>	SOFTWARE: PatentIn Ver. 2.0	
19	<210>	SEQ ID NO: 1	
20	<211>	LENGTH: 1229	
21	<212>	TYPE: DNA	
22	<213>	ORGANISM: Escherichia coli	
24	<220>	FEATURE:	
25	<221>	NAME/KEY: CDS	
26	<222>	LOCATION: (40)..(942)	
28	<400>	SEQUENCE: 1	
29	c g t a t c c c t c c c t c g t a c a a c a a c g c a a g a g c a g c a g c a	a t g g c c g t c c a g a a g	54
30		Met Ala Val Gln Lys	
31		1 5	
33	t a c a c g g t g g c t c t a t t c c t c g c c g t g g c c t c g t g g c g g c c c g g c c		102
34	Tyr Thr Val Ala Leu Phe Leu Ala Val Ala Leu Val Ala Gly Pro Ala		
35		10 15 20	
37	g c c t c c t a c g c c g c t g a c g c c g g c t a c a c c c c c g c a g c c g c g c c a c c		150
38	Ala Ser Tyr Ala Ala Asp Ala Gly Tyr Thr Pro Ala Ala Ala Ala Thr		
39		25 30 35	
41	c c g g c t a c t c c t g c t g c c a c c c c g g c t g c g g c t g g a g g g a a g g c g a c g		198
42	Pro Ala Thr Pro Ala Ala Thr Pro Ala Ala Ala Gly Gly Lys Ala Thr		
43		40 45 50	
45	a c c g a c g a g c a g a a g c t g c t g g a g g a c g t c a a c g c t g g c t t c a a g g c a		246
46	Thr Asp Glu Gln Lys Leu Leu Glu Asp Val Asn Ala Gly Phe Lys Ala		
47		55 60 65	
49	g c c g t g g c c g c c g c t g c c a a c g c c c c t c c g g c g a c a a g t t c a a g a t c		294
50	Ala Val Ala Ala Ala Ala Asn Ala Pro Pro Ala Asp Lys Phe Lys Ile		
51	70 75 80 85		
53	t t c g a g g c c g c c t t c t c c g a g t c c t c c a a g g g c c t c c t c g c c a c c t c c		342
54	Phe Glu Ala Ala Phe Ser Glu Ser Ser Lys Gly Leu Leu Ala Thr Ser		
55		90 95 100	
57	g c c g c c a a g g c a c c c g g c c t c a t c c c c a a g c t c g a c a c c g c c t a c g a c		390
58	Ala Ala Lys Ala Pro Gly Leu Ile Pro Lys Leu Asp Thr Ala Tyr Asp		
59		105 110 115	
61	g t c g c c t a c a a g g c c g c c g a g g g c g c c a c c c c c g a g g c c a a g t a c g a c		438
62	Val Ala Tyr Lys Ala Ala Glu Gly Ala Thr Pro Glu Ala Lys Tyr Asp		
63		120 125 130	
65	g c c t t c g t c a c t g c c c t c a c c g a a g c g c c t c c g c g t c a t c g c c g g c g c c		486
66	Ala Phe Val Thr Ala Leu Thr Glu Ala Leu Arg Val Ile Ala Gly Ala		
67		135 140 145	

see p. 5

RAW SEQUENCE LISTING

DATE: 12/12/2000

PATENT APPLICATION: US/08/737,904G

TIME: 12:20:09

Input Set : A:\Pto.amc

Output Set: N:\CRF3\12122000\H737904G.raw

```

69 ctc gag gtc cac gcc gtc aag ccc gcc acc gag gag gtc cct gct gct 534
70 Leu Glu Val His Ala Val Lys Pro Ala Thr Glu Glu Val Pro Ala Ala
71 150 155 160 165
73 aag atc ccc acc ggt gag ctg cag atc gtt gac aag atc gat gct gcc 582
74 Lys Ile Pro Thr Gly Glu Leu Gln Ile Val Asp Lys Ile Asp Ala Ala
75 170 175 180
77 ttc aag atc gca gcc acc gcc gcc aac gcc gcc ccc acc aac gat aag 630
78 Phe Lys Ile Ala Ala Thr Ala Ala Asn Ala Ala Pro Thr Asn Asp Lys
79 185 190 195
81 ttc acc gtc ttc gag agt gcc ttc aac aag gcc ctc aat gag tgc acg 678
82 Phe Thr Val Phe Glu Ser Ala Phe Asn Lys Ala Leu Asn Glu Cys Thr
83 200 205 210
85 ggc ggc gcc tat gag acc tac aag ttc atc ccc tcc ctc gag gcc gcg 726
86 Gly Gly Ala Tyr Glu Thr Tyr Lys Phe Ile Pro Ser Leu Glu Ala Ala
87 215 220 225
89 gtc aag cag gcc tac gcc acc gtc gcc gcc gcg ccc gag gtc aag 774
90 Val Lys Gln Ala Tyr Ala Ala Thr Val Ala Ala Ala Pro Glu Val Lys
91 230 235 240 245
93 tac gcc gtc ttt gag gcc gcg ctg acc aag gcc atc acc gcc atg acc 822
94 Tyr Ala Val Phe Glu Ala Ala Leu Thr Lys Ala Ile Thr Ala Met Thr
95 250 255 260
97 cag gca cag aag gcc ggc aaa ccc gct gcc gcc gct gcc aca ggc gcc 870
98 Gln Ala Gln Lys Ala Gly Lys Pro Ala Ala Ala Ala Thr Gly Ala
99 265 270 275
101 gca acc gtt gcc acc ggc gcc gca acc gcc gcc gcc ggt gct gcc acc 918
102 Ala Thr Val Ala Thr Gly Ala Ala Thr Ala Ala Ala Gly Ala Ala Thr
103 280 285 290
105 gcc gct gct ggt ggc tac aaa gcc tgatcagctt gctaataaac tactgaacgt 972
106 Ala Ala Ala Gly Gly Tyr Lys Ala
107 295 300
109 atgtatgtgc atgatccggg cggcgagtgg ttttgttgat aattaatctt cgttttcggt 1032
111 tcattgcagcc gcatcgaga gggcttgcac gcttgtaata attcaatatt ttccatttct 1092
113 ttttgaatct gtaaatcccc atgacaagta gtgggatcaa gtcggcatgt atcaccgttg 1152
115 atgcgagttt aacgatggg agtttatcaa agaatttatt attaaaaaa aaaaaaaaaa 1212
117 aaaaaaaaaa aaaaaaa 1229
120 <210> SEQ ID NO: 2
121 <211> LENGTH: 301
122 <212> TYPE: PRT
123 <213> ORGANISM: Escherichia coli
125 <400> SEQUENCE: 2
126 Met Ala Val Gln Lys Tyr Thr Val Ala Leu Phe Leu Ala Val Ala Leu
127 1 5 10 15
129 Val Ala Gly Pro Ala Ala Ser Tyr Ala Ala Asp Ala Gly Tyr Thr Pro
130 20 25 30
132 Ala Ala Ala Ala Thr Pro Ala Thr Pro Ala Ala Thr Pro Ala Ala Ala
133 35 40 45
135 Gly Gly Lys Ala Thr Thr Asp Glu Gln Lys Leu Leu Glu Asp Val Asn
136 50 55 60
138 Ala Gly Phe Lys Ala Ala Val Ala Ala Ala Ala Asn Ala Pro Pro Ala

```

RAW SEQUENCE LISTING

DATE: 12/12/2000

PATENT APPLICATION: US/08/737,904G

TIME: 12:20:09

Input Set : A:\Pto.amc

Output Set: N:\CRF3\12122000\H737904G.raw

```

139 65          70          75          80
141 Asp Lys Phe Lys Ile Phe Glu Ala Ala Phe Ser Glu Ser Ser Lys Gly
142          85          90          95
144 Leu Leu Ala Thr Ser Ala Ala Lys Ala Pro Gly Leu Ile Pro Lys Leu
145          100         105         110
147 Asp Thr Ala Tyr Asp Val Ala Tyr Lys Ala Ala Glu Gly Ala Thr Pro
148          115         120         125
150 Glu Ala Lys Tyr Asp Ala Phe Val Thr Ala Leu Thr Glu Ala Leu Arg
151          130         135         140
153 Val Ile Ala Gly Ala Leu Glu Val His Ala Val Lys Pro Ala Thr Glu
154 145          150         155         160
156 Glu Val Pro Ala Ala Lys Ile Pro Thr Gly Glu Leu Gln Ile Val Asp
157          165         170         175
159 Lys Ile Asp Ala Ala Phe Lys Ile Ala Ala Thr Ala Ala Asn Ala Ala
160          180         185         190
162 Pro Thr Asn Asp Lys Phe Thr Val Phe Glu Ser Ala Phe Asn Lys Ala
163          195         200         205
165 Leu Asn Glu Cys Thr Gly Gly Ala Tyr Glu Thr Tyr Lys Phe Ile Pro
166          210         215         220
168 Ser Leu Glu Ala Ala Val Lys Gln Ala Tyr Ala Ala Thr Val Ala Ala
169 225          230         235         240
171 Ala Pro Glu Val Lys Tyr Ala Val Phe Glu Ala Ala Leu Thr Lys Ala
172          245         250         255
174 Ile Thr Ala Met Thr Gln Ala Gln Lys Ala Gly Lys Pro Ala Ala Ala
175          260         265         270
177 Ala Ala Thr Gly Ala Ala Thr Val Ala Thr Gly Ala Ala Thr Ala Ala
178          275         280         285
180 Ala Gly Ala Ala Thr Ala Ala Ala Gly Gly Tyr Lys Ala
181          290         295         300

```

184 <210> SEQ ID NO: 3

185 <211> LENGTH: 20

186 <212> TYPE: PRT

187 <213> ORGANISM: Escherichia coli

189 <220> FEATURE:

190 <223> OTHER INFORMATION: all occurrences of Xaa=hydroxyproline

192 <400> SEQUENCE: 3

```

W--> 193 Ala Asp Ala Gly Tyr Thr Xaa Ala Ala Ala Ala Thr Xaa Ala Thr Xaa
194 1          5          10          15

```

```

W--> 196 Ala Ala Thr Xaa
197          20

```

200 <210> SEQ ID NO: 4

201 <211> LENGTH: 20

202 <212> TYPE: PRT

203 <213> ORGANISM: Escherichia coli

205 <220> FEATURE:

206 <223> OTHER INFORMATION: all occurrences of Xaa=hydroxyproline

208 <400> SEQUENCE: 4

```

W--> 209 Ala Thr Xaa Ala Thr Pro Ala Ala Thr Xaa Ala Ala Ala Gly Gly Lys
210 1          5          10          15

```

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RAW SEQUENCE LISTING DATE: 12/12/2000
 PATENT APPLICATION: US/08/737,904G TIME: 12:20:09

Input Set : A:\Pto.amc
 Output Set: N:\CRF3\12122000\H737904G.raw

```

212 Ala Thr Thr Asp
213      20
216 <210> SEQ ID NO: 5
217 <211> LENGTH: 20
218 <212> TYPE: PRT
219 <213> ORGANISM: Escherichia coli
221 <220> FEATURE:
222 <223> OTHER INFORMATION: all occurrences of Xaa -hydroxyproline
224 <400> SEQUENCE: 5
225 Ala Ala Ala Gly Gly Lys Ala Thr Thr Asp Glu Gln Lys Leu Leu Glu
226   1      5      10      15
228 Asp Val Asn Ala
229      20
232 <210> SEQ ID NO: 6
233 <211> LENGTH: 20
234 <212> TYPE: PRT
235 <213> ORGANISM: Escherichia coli
237 <400> SEQUENCE: 6
238 Glu Gln Lys Leu Leu Glu Asp Val Asn Ala Gly Phe Lys Ala Ala Val
239   1      5      10      15
241 Ala Ala Ala Ala
242      20
245 <210> SEQ ID NO: 7
246 <211> LENGTH: 16
247 <212> TYPE: PRT
248 <213> ORGANISM: Escherichia coli
250 <400> SEQUENCE: 7
251 Gly Phe Lys Ala Ala Val Ala Ala Ala Ala Asn Ala Pro Pro Ala Asp
252   1      5      10      15
255 <210> SEQ ID NO: 8
256 <211> LENGTH: 20
257 <212> TYPE: PRT
258 <213> ORGANISM: Escherichia coli
260 <400> SEQUENCE: 8
261 Asn Ala Pro Pro Ala Asp Lys Phe Lys Ile Phe Glu Ala Ala Phe Ser
262   1      5      10      15
264 Glu Ser Ser Lys
265      20
268 <210> SEQ ID NO: 9
269 <211> LENGTH: 20
270 <212> TYPE: PRT
271 <213> ORGANISM: Escherichia coli
273 <400> SEQUENCE: 9
274 Phe Glu Ala Ala Phe Ser Glu Ser Ser Lys Gly Leu Leu Ala Thr Ser
275   1      5      10      15
277 Ala Ala Lys Ala
278      20
281 <210> SEQ ID NO: 10
282 <211> LENGTH: 20

```

RAW SEQUENCE LISTING DATE: 12/12/2000
 PATENT APPLICATION: US/08/737,904G TIME: 12:20:09

Input Set : A:\Pto.amc
 Output Set: N:\CRF3\12122000\H737904G.raw

283 <212> TYPE: PRT
 284 <213> ORGANISM: Escherichia coli
 286 <400> SEQUENCE: 10
 287 Gly Leu Leu Ala Thr Ser Ala Ala Lys Ala Pro Gly Leu Ile Pro Lys
 288 1 5 10 15
 290 Leu Asp Thr Ala
 291 20
 294 <210> SEQ ID NO: 11
 295 <211> LENGTH: 20
 296 <212> TYPE: PRT
 297 <213> ORGANISM: Escherichia coli
 299 <400> SEQUENCE: 11
 300 Pro Gly Leu Ile Pro Lys Leu Asp Thr Ala Tyr Asp Val Ala Tyr Lys
 301 1 5 10 15
 303 Ala Ala Glu Gly
 304 20
 307 <210> SEQ ID NO: 12
 308 <211> LENGTH: 20
 309 <212> TYPE: PRT
 310 <213> ORGANISM: Escherichia coli
 312 <400> SEQUENCE: 12
 313 Tyr Asp Val Ala Tyr Lys Ala Ala Glu Gly Ala Thr Pro Glu Ala Lys
 314 1 5 10 15
 316 Tyr Asp Ala Phe
 317 20
 320 <210> SEQ ID NO: 13
 321 <211> LENGTH: 20
 322 <212> TYPE: PRT
 323 <213> ORGANISM: Escherichia coli
 325 <400> SEQUENCE: 13
 326 Ala Thr Pro Glu Ala Lys Tyr Asp Ala Phe Val Thr Ala Leu Thr Glu
 327 1 5 10 15
 329 Ala Leu Arg Val
 330 20
 333 <210> SEQ ID NO: 14
 334 <211> LENGTH: 20
 335 <212> TYPE: PRT
 336 <213> ORGANISM: Escherichia coli
 338 <400> SEQUENCE: 14
 339 Val Thr Ala Leu Thr Glu Ala Leu Arg Val Ile Ala Gly Ala Leu Glu
 340 1 5 10 15
 342 Val His Ala Val
 343 20
 346 <210> SEQ ID NO: 15
 347 <211> LENGTH: 20
 348 <212> TYPE: PRT
 349 <213> ORGANISM: Escherichia coli
 351 <400> SEQUENCE: 15
 352 Ile Ala Gly Ala Leu Glu Val His Ala Val Lys Pro Ala Thr Glu Glu

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

DATE: 12/12/2000

PATENT APPLICATION: US/08/737,904G

TIME: 12:20:10

Input Set : A:\Pto.amc

Output Set: N:\CRF3\12122000\H737904G.raw

L:193 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:3
L:193 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:3
L:193 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3
L:196 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:3
L:196 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:3
M:340 Repeated in SeqNo=3
L:209 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:209 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:209 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:4
L:560 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:31
L:560 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:31
L:560 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:31
L:862 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:54
L:862 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:54
L:862 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:54
L:865 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:54
L:865 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:54
M:340 Repeated in SeqNo=54
L:1073 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:59
L:1073 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:59
L:1073 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:59
L:1076 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:59
L:1076 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:59
M:340 Repeated in SeqNo=59
L:1089 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:60
L:1089 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:60
L:1089 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:60

1644

RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/737,904G

DATE: 12/12/2000
TIME: 12:21:09

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Input Set : A:\seqlist.txt
Output Set: N:\CRF3\12122000\H737904G.raw

DEC 15 2000**TECH CENTER 1600/2000**

3 <110> APPLICANT: Griffith, Irwin J et al.
5 <120> TITLE OF INVENTION: T CELL EPITOPES OF RYEGRASS POLLEN ALLERGEN
7 <130> FILE REFERENCE: IMI-040CP3
9 <140> CURRENT APPLICATION NUMBER: 08/737,904G
10 <141> CURRENT FILING DATE: 1996-11-20
12 <150> PRIOR APPLICATION NUMBER: 08/106,016
13 <151> PRIOR FILING DATE: 1993-08-13
15 <160> NUMBER OF SEQ ID NOS: 61
17 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

1096 <210> SEQ ID NO: 61
1097 <211> LENGTH: 20
1098 <212> TYPE: PRT
1099 <213> ORGANISM: Escherichia coli
1101 <400> SEQUENCE: 61
1102 Ala Asp Ala Gly Tyr Thr Pro Ala Ala Ala Thr Pro Ala Thr Pro
1103 1 5 10 15
1105 Ala Ala Thr Pro
1106 20

E--> 1108 1
E--> 1111 47

Does Not Comply
Corrected Diskette Needed

Delete end of file garbage

VERIFICATION SUMMARY

DATE: 12/12/2000

PATENT APPLICATION: US/08/737,904G

TIME: 12:21:10

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\12122000\H737904G.raw

L:193 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:3
L:193 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:3
L:193 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3
L:196 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:3
L:196 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:3
M:340 Repeated in SeqNo=3
L:209 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:209 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:209 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:4
L:560 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:31
L:560 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:31
L:560 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:31
L:862 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:54
L:862 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:54
L:862 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:54
L:865 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:54
L:865 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:54
M:340 Repeated in SeqNo=54
L:1073 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:59
L:1073 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:59
L:1073 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:59
L:1076 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:59
L:1076 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:59
M:340 Repeated in SeqNo=59
L:1089 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:60
L:1089 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:60
L:1089 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:60
L:1108 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:61
M:332 Repeated in SeqNo=61